



Creation of an Innovative Model “Smart Kindergarten”, Focused on The Free Choice of Profession by Children in Preschool Educational Organizations

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Abstract: *The article examines the problem of forming ideas about modern professions among children of senior preschool age. As well as the creation of a model of the “Smart Kindergarten” web platform.*

Key words: *Preschool educational organization, senior preschool age, profession, professional rooms, technology, medicine, ICT, agriculture, economic professions; platform; map of professional interests.*

Further improvement of the preschool education system, strengthening the material and technical base, expanding the network of preschool educational organizations, providing qualified teaching staff, radically increasing the level of preparation of children for school education, introducing modern educational programs and technologies into the educational process. Conditions are created for the comprehensive development of preschool children - spiritual, moral, aesthetic, and physical development.

Taking this into account, Decree of the President of the Republic of Uzbekistan “On the establishment of the Ministry of Preschool Education” dated September 30, 2017 No. R-5198 and Resolution of the President of the Republic of Uzbekistan dated September 30, 2018 N PP-3955 According to the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated May 13, 2019 No. 391 “On additional measures to further support public-private partnerships in the field of preschool education”, the previous expansion of educational institutions, governmental and non-governmental sectors, public and private educational institutions, create conditions for the formation of healthy competition between partnerships of the public and private sectors in terms of the introduction of new forms preschool education must be determined.

The concept for the development of preschool education until 2030 will contribute to the further improvement of the preschool education system, the formation of a healthy, active, full-fledged, socially adapted child, the introduction of innovative and ICT-based education in preschool education and the introduction of elements of STEAM education - technologies. Creating a personality-oriented, creative environment for children aimed at developing their professional interests is one of the priority tasks.

For the proper development and socialization of children, it is very important to organize their acquaintance with the professions of adults. By studying professions, a child can better understand the

world of older people. In addition, this creates an interest in work, a dream about one's own future, and pride in the work of loved ones and others in general. The main goal of career guidance is to create the foundation for conscious self-determination, future independent plans, analysis, and career advancement.

The term "profession" (Latin *professio* - officially specified occupation, specialty, from *profiteer* - I declare my business), the type of work activity (occupation) of a person who has a complex of special theoretical knowledge and practical skills acquired as a result of special training and work experience.

The usual ways and methods of getting to know professions cannot interest modern children. We need to come up with a way of introducing it so that the child wants to learn more about different areas of adult activity and dreams of becoming a specialist in the field he likes in the future. To do this, it is necessary to develop innovative forms of introducing older preschoolers to the world of the profession. We are planning a project to create a platform for introducing preschoolers to different professions.

The main goal of this project is to create specially equipped professional, technical, medical, art, ICT and agricultural rooms in preschool organizations based on the innovative Smart Kindergarten model, to monitor the activities of children in these rooms, as well as to change their professional interests to age and individual psychological and cognitive levels.; development of a software platform, as well as monitoring of children's professional interests based on observations and an electronic database, creation of development maps.

The object of the study is the process of developing a software platform and cards for the professional development of children based on monitoring data from an electronic database of changes in the professional interests of children in specialized professional rooms of preschool educational organizations.

Subject of research: forms, methods, techniques and means of creating a software platform and cards of professional development of children based on monitoring data from an electronic database of changes in the professional interests of children in specialized professional rooms of preschool educational organizations.

The main objectives of the project are:

- ☐ studying and summarizing the experience of Uzbekistan and studying the experience of leading foreign countries on the development of professional interests in children;
- ☐ development of a methodology for professionally oriented activities in special rooms in preschool educational organizations. Based on the innovative model "Smart Kindergarten";
- ☐ development of a software platform for changing and monitoring the professional interests of older preschoolers at the age and individual psychological and cognitive levels;
- ☐ development of maps for the development of children's professional interests.

Scientific novelty of the project:

- ☐ development of methodological manuals for educators on organizing children's activities in special rooms, based on the innovative "Smart Kindergarten" model;
- ☐ development of a software platform for changing and monitoring the professional interests of older preschoolers at the age and individual psychological and cognitive levels;
- ☐ based on the creation of maps of the development of professional interests of children of senior preschool age, a "Certificate of Professional Interests" will be developed

Main research questions:

□ psychological and pedagogical justification for the use of special rooms based on the innovative model “Smart Kindergarten”;

- systematic monitoring of the development of free professional interests of older preschoolers in specialized professional classrooms based on a software platform;

- organizing seminars and trainings for teachers and psychologists of preschool educational organizations in order to prepare them for using professional development cards for older preschoolers and drawing up related conclusions.

Theoretical and practical significance. Scientific and theoretical ideas obtained during the study can be used to improve the content of educational programs of higher educational institutions and teacher training colleges in the field of “Preschool education”, to develop teaching methods, as well as to improve the content of the educational process in preschool educational organizations.

Practical significance. In preschool educational organizations, practical recommendations and the basics of electronic software will be created for teachers and trainers, students of pedagogical colleges and universities, which will ensure the practical implementation of the innovative “Smart Kindergarten” model, focused on the free choice of profession by children.

Expected results of the project and their significance

development of methodological manuals for educators on organizing children’s activities in special rooms, based on the innovative “Smart Kindergarten” model;

development of a software platform for changing and monitoring the professional interests of older preschoolers at the age and individual psychological and cognitive levels;

based on the creation of maps of the development of professional interests of children of senior preschool age, a “Certificate of Professional Interests” will be developed

Currently, the main objectives of preschool education in the Republic are:

studying and summarizing the experience of Uzbekistan and studying the experience of leading foreign countries on the development of professional interests in children;

development of a methodology for professionally oriented activities in special rooms in preschool educational organizations. Based on the innovative model “Smart Kindergarten”;

development of a software platform for changing and monitoring the professional interests of older preschoolers at the age and individual psychological and cognitive levels;

The socio-economic significance of the project can be determined by the fact that preschool children can develop their talents and professional interests.

The project involves the development of several “SMART KINDERGARTEN” projects in the field of preschool education through the use of unique innovative teaching methods in preschool institutions that have not yet been used in the world, with an in-depth study of the experience and achievements of preschool institutions in developed countries such as Europe, Japan and South Korea, and this new approach is recognized by experts.

A monograph, textbook, and scientific articles will be published with the study of advanced foreign experience. Also, 6 methodological manuals will be prepared on the organization of special rooms in the following specialties: “Technology”, “Medicine”, “Architecture”, “Agriculture”, “Art”, “Socio-economic”, 6 articles in scientific journals included in the list of the Higher Attestation Commission, 2 articles in indexed publications in the Science Core Collection or Scopus database.

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